

Table 1-1 Lower Passaic River Authorized Dimensions of the Federal Navigation Channel and Periods of Dredging

Passaic River Reaches	Dredging History (<i>Iannuzzi, et. al. 2002</i>)	
<u>Kearny Point Reach:</u> RM0 to RM1.2 Authorized Depth: 30 feet	1884 – Constructed to 10 Feet 1906 – Deepened to 12 Feet 1913 – Deepened to 16 Feet 1914 – Deepened to 20-22 Feet 1916 – Maintained at 16-17 Feet 1917 – Maintained at 21-22 Feet 1921 – Maintained at 20 Feet 1932 – Constructed to 30 Feet 1933 – Maintained at 30 Feet 1941 – Maintained at 30 Feet	1946 – Maintained at 30 Feet 1951 – Maintained at 30 Feet 1957 – Maintained at 30 Feet 1962 – Maintained at 30 Feet 1965 – Maintained at 30 Feet 1971 – Maintained at 30 Feet 1972 – Maintained at 30 Feet 1977 – Maintained at 30 Feet 1983 – Maintained at 30 Feet
<u>Point No Point Reach:</u> RM1.2 to RM2.5 Authorized Depth: 30 feet	1884 – Constructed to 10 Feet 1899 – Maintained at 10 Feet (from RM1.9) 1906 – Deepened to 12 Feet 1913 – Deepened to 16 Feet 1914 – Deepened to 20-22 Feet (to RM1.9) 1916 – Maintained at 16-17 Feet 1917 – Maintained to 21-22 Feet (to RM2.0) 1921 – Maintained at 20 Feet 1922 – Maintained at 20 Feet (from RM1.4) 1932 – Constructed to 30 Feet 1933 – Maintained at 30 Feet	1941 – Maintained at 30 Feet 1946 – Maintained at 30 Feet 1951 – Maintained at 30 Feet (to RM1.3) 1957 – Maintained at 30 Feet (to RM2.1) 1965 – Maintained at 30 Feet (to RM1.8) 1971 – Maintained at 30 Feet (to RM1.5) 1972 – Maintained at 30 Feet (to RM1.8) 1983 – Maintained at 30 Feet (to RM1.9)
<u>Harrison Reach:</u> RM2.5 to RM4.6 Authorized Depth: 30 feet to RM2.6 Authorized Depth: 20 feet From RM2.6	1884 – Constructed to 10 Feet 1899 – Maintained at 10 Feet 1906 – Deepened to 12 Feet 1913 – Deepened to 16 Feet 1916 – Maintained at 16-17 Feet 1916 – Deepened to 20-21 Feet (RM2.6 to RM4.5) 1921 – Maintained at 20 Feet 1922 – Maintained at 20 Feet (to RM4.2) 1923 – Maintained at 20 Feet (RM4.2 to RM4.6) 1932 – Constructed to 30 Feet (to RM2.6) 1937 – Maintained to 20 Feet (starting at RM2.6)	
<u>Newark Reach:</u> RM4.6 to RM6.1 Authorized Depth: 20 feet (Constructed Depth: 16 feet)	1884 – Constructed to 10 Feet (to RM5.4) 1899 – Maintained at 10 Feet (to RM5.4) 1906 – Deepened to 12 Feet 1913 – Deepened to 16 Feet (to RM5.8) 1916 – Maintained at 16-17 Feet 1919 – Maintained at 16 Feet (starting at RM4.6) 1933 – Maintained at 10 Feet (from RM6.0) 1950 – Maintained at 16 Feet (from RM5.5)	

Table 1-1 Lower Passaic River Authorized Dimensions of the Federal Navigation Channel and Periods of Dredging

Passaic River Reaches	Dredging History (<i>Iannuzzi, et. al. 2002</i>)
<u>Kearny Reach:</u> RM6.1 to RM7.1 Authorized Depth: 20 feet (Constructed Depth: 16 feet)	1883 – Constructed to 6 Feet 1906 – Deepened to 12 Feet (to RM6.5) 1906 – Deepened to 12 Feet (from RM6.5) 1913 – Deepened to 16 Feet (to RM5.8) 1916 – Maintained/Deepened at 16-17 Feet 1919 – Maintained at 16 Feet (to RM6.4) 1933 – Maintained at 16 Feet (to RM6.3) 1950 – Maintained at 16 Feet (to RM7.0)
<u>Arlington Reach:</u> RM7.1 to RM8.1 Authorized Depth: 16 feet	1883 – Constructed to 6 Feet 1906 – Deepened to 10 Feet (to RM8.0) 1915 – Constructed to 6-7 Feet (from RM8.0) 1916 – Deepened to 16-17 Feet (to RM8.0) 1927 – Maintained to 6 Feet (from RM8.0) 1929 – Maintained to 6 Feet (from RM8.0) 1930 – Constructed to 10 Feet (from RM8.0)
<u>Belleville Reach:</u> RM8.1 to RM8.3 (Partial Reach) Authorized Depth: 16 feet	1915 – Constructed to 6-7 Feet 1927 – Maintained to 6 Feet 1929 – Maintained to 6 Feet 1930 – Constructed to 10 Feet 1931 – Maintained to 10 Feet 1932 – Maintained to 10 Feet
<u>Above Erie/Montclair & Greenwood Lake Railroad Bridge:</u> RM8.3 to RM15.4 Authorized Depth: 10 feet	1915 – Constructed to 6-7 Feet (to RM13.2) 1927 – Maintained to 6 Feet (to RM9.0) 1929 – Maintained to 6 Feet (to RM9.0) 1930 – Constructed to 10 Feet (to RM9.0) 1931 – Maintained to 10 Feet (to RM9.0) 1931 – Constructed to 10 Feet (RM9.0 to RM15.4) 1932 – Maintained to 10 Feet (to RM15.4) 1950 – Maintained to 10 Feet (RM14.3 to RM15.4) 1976 – Maintained to 10 Feet (RM9.0 to RM10.2)

Source: Table 1 of USACE 2010 Lower Passaic River Commercial Navigation Analysis Report (USACE, 2010).